Work Order ID 53540

November 9, 2009 8:34:23 AM



Page 1

D2580-1 Accept Setup Start Item ID: **Revision ID:** D Stop **Item Name:** 205 Skidtube bent detail Start Oty: 2.00 **Start Date:** 09/11/2009 **Cust Item ID: Required Date: 12/11/2009 Req'd Qty: 2.00 Customer:** Reference: Run Start Date 9/1-9 **Process Plan: Tooling: Approvals:** Date: Stop Date:_ QC: **SPC (Y/N):** Date: Sequence ID/ Set Up/ Draw Reject Operation Draw Plan Accept Reject Insp. Qty Qty Number Stamp Work Center ID Number Description **Run Hours** Rev. Code **Draw Nbr Revision Nbr** D2580 Rev D 0.00 100 -ANM91126 HandFinish 0.00 Memo 1- Inspect mat'l D2500-1-190 for damage. Hand Finishing 2- Chemical Conversion Coat as per QSI 005 4.1 101

QC

Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00



Work Order ID 53540

November 9, 2009 8:34:23 AM



Page 2

Item ID:

D2580-1

Accept

Setup Start



Revision ID:

D 205 Skidtube bent detail

Stop

Start Date:

09/11/2009

Start Otv: 2.00

Cust Item ID:

Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Draw

Rev.

Start

Stop

Sequence ID/

Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Plan

Qty

Code

Reject Accept **Qty**

Run

Reject Number

Insp. Stamp

/ AUMT-122C

Work Center ID

Skidtubes

Memo

0.00

0.00

Skidtubes

1-Drill pilot holes using drill jig DT 8149 (Do not use cutting fluid)

2-Open holes to 0.500" as per Dwg D2580 without cutting fluid

3-Deburr and blow out all chips from inside of tube

4-Bond web in place per OSI 015.

A/R Sikaflex-291 batch: //239/ Sikaflex expire date: //0-61-

Start time: // Oo bond for 12hrs

130

QC5- Inspect part completeness to step on W/O

0.00

Quality Control

0.00

Item Name:

OC:

Required Date: 12/11/2009

Operation

Description

Reg'd Oty: 2.00

Work Order ID 53540

November 9, 2009 8:34:23 AM



Page 3

Item ID:

D2580-1

Accept

Setup Start



Revision ID:

D Item Name: 205 Skidtube bent detail

Stop

Start Date:

09/11/2009

Start Otv: 2.00 Reg'd Oty: 2.00

Cust Item ID:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Draw

Number

Customer:

Run

Qty

Start

Stop



Required Date: 12/11/2009

Date:

SPC (Y/N):

Date:

Accept

Oty

Reject Reject

Insp. Stamp Number

Sequence ID/ Work Center ID

140

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location:

Memo

0.00

Set Up/ Run Hours

Plan

Code

Draw

Rev.

150

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

M 09-11-30

Picklist Print

November 9, 2009 8:34:29 AM

Work Order ID: 53540

Parent Item:

D2580-1RevD

Parent Item Name: 205 Skidtube bent detail

Manufactured

No

Comments:



Start Date: 09/11/2009

Required Date: 12/11/2009

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
D2500-1-190RevG		Manufactured	No				Each	143.0000	2.0000			

Ext'n -`I' Beam Tube 4"

Warehouse	Loc	: Oty	Loc Code		
Location					
Main Warehouse					(,)
LG		140			4
50166		39			AWM 9-11-26
52319		101			·
Main Warehouse					
ST		3			
46468		3			
	110	Each	9.0000	2.0000	

D2596RevD

Web, 205 Skidtube

Warehouse Location	DOC VII	Loc Code
Main Warehouse		
LG	9	
51528	4	
53263	5	



	DESIGN DRAWN BY			DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
ľ	CHECKED APPROVED		APPROVED	DRAWING NO. REV. D				
		The state of the s	 	D2580 SHEET 1 OF 3				
T	DATE			TITLE SCALE				
	07.0	2.27		205 SKIDTUBE ASSEMBLY NTS				
	Α		96.09.16	NEW ISSUE				
	В		96.12.02	AS MANUFACTURED				
ſ	С		98.08.26	REDRAWN, INCLUDED DEO 9094/9097				
	D		07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183				



QTY -041	QTY -045	Part Number	Description	
X		D2580-041	SKIDTUBE ASSEMBLY	
	Х	D2580-045	SKIDTUBE ASSEMBLY	
1	1	D2500-1-190	EXTRUSION	
-i -	1	D2576-3	STEP	Y 3, 41;
20	24	D2579	CROSS BOLT SPACER	
16	16	D2594-1	PLUG	
16	16	D2594-3	O-RING	ENCHORAGE +
1	1	D2596	205 WEB	UR CONTROLLED COPY
1	1	D2855	AFT CAP	BJECT TO AMENDMENT
1	1	D3564-5	WEARSHOE	WITHOUT NOTICE
1	1	D3564-9	WEARSHOE	WORK ORDER
1	1	D3564-11	WEARSHOE	NO 33540
1	1	D3564-13	WEARSHOE	01166116
2	2	D3566-1	GASKET	WORK ORDER NO. 53540 BNO9-11-9
1	1	D3566-5	GASKET	
1	1	D3566-13	GASKET	
50	50	ALS7-1032-130 or AKS7-1032-130 or AKS4-1032-130 or AELS-1032-130	INSERT	
50	50	AN3C4A	BOLT	
2	2	AN3-5A	BOLT	
50	50	AN960C10L	WASHER	
2	2	AN960JD10L	WASHER	

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:

SEE NOTES ON

PAGE 2 FOR D2580-041 AND

PAGE 3 FOR D2580-045

8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

Copyright @ 1996 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



